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A new species of the genus *Ocypus* Leach, 1819 (Coleoptera: Staphylinidae: Staphylininae) from the south of Russia

Новый вид рода *Ocypus* Leach, 1819 (Coleoptera: Staphylinidae: Staphylininae) с юга России

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КЛЮЧЕВЫЕ СЛОВА. Staphylinidae, Staphylinini, *Ocypus ponomarevorum*, новый вид.

ABSTRACT. A new species, *Ocypus ponomarevorum* **sp.n.**, similar to the "*Ocypus similis* group" of species of Coiffait [1974] is described from the Rostov Region of Russia.

РЕЗЮМЕ. Новый вид, *Ocypus ponomarevorum* **sp.n.**, принадлежащий к группе видов "*Ocypus similis*" [Coiffait, 1974] описан из Ростовской области России.

Specimens were mounted on a cardboard plate with water-soluble glue. Male genitalia were placed in a micro container filled with glycerin and mounted under the respective specimens. Female genitalia were mounted on the transparent plastic plate in transparent lacquer soluble in ethyl acetate, and also mounted on the same pin under the respective female. Nomenclature and description of genital structures were given as in Khachikov and Shavrin [2010].

Abbreviations:

bititillator — bt; lateral chamber — chl; medio-ventral chamber — chmv; monotitillator — mt; phallomer distal — phd; phallomer medial — phm; phallomer proximal — php; proctovaginus — prv; titillatorbrush — tb; vaginolamina — vl; ventral chamber — chv;

collection of the Zoological Institute RAS (Russia, St. Petersburg) — ZISP;

collection of E. Khachikov (Russia, Rostov-on-Don) — cKh.

Ocypus ponomarevorum Khachikov, **sp.n.**
Figs 1–5

TYPE MATERIAL. Holotype, ♂, Russia, Rostov region, village Razdorskaya, 17–26.04.2010, leg. Ponomarev A.V. Paratype: 1 ♂, Russia, Rostov region, village Razdorskaya, 26.05–2.06.2010, leg. Ponomarev A.V. 1 ♀, Russia, Rostov region, village Razdorskaya, 3.04–2.05.2008, leg. Ponomarev A.V. Deposition of the type specimens: holotype — ZISP; paratypes 1 ♂, 1 ♀ — cKh.

COMPARATIVE MATERIAL. *Ocypus hochhuthi* Eppelsheim, 1878. Georgia: ♂, Banis-hevi, dist. Gori. 16.05.1929. leg. Kirsheblatt J. (ZISP); ♂, Banis-heavy, with the Gori. 1.08.1928. leg. Unksov (ZISP); ♀, Tsihisdzhevari, 10.08.1909 (ZISP).

Ocypus cerceticus Coiffait, 1964. Russia. Krasnodar province, 1 ♂, mountain Shchetka, 8.05.2011, leg. Kasatkin D; Adygea, 1 ♂ Lagonaki plateau, 8.10.1992, leg. Khachikov E. (cKh).

Ocypus nabozhenkoi Khaschikov, 2005: Holotype, ♂. Georgia, Adjara, upper Kitrishi river, Kitrishsky reserv., 23.07.2001, leg. Nabozhenko M.V. (ZISP). Paratype, ♀, with the same label (ZISP).

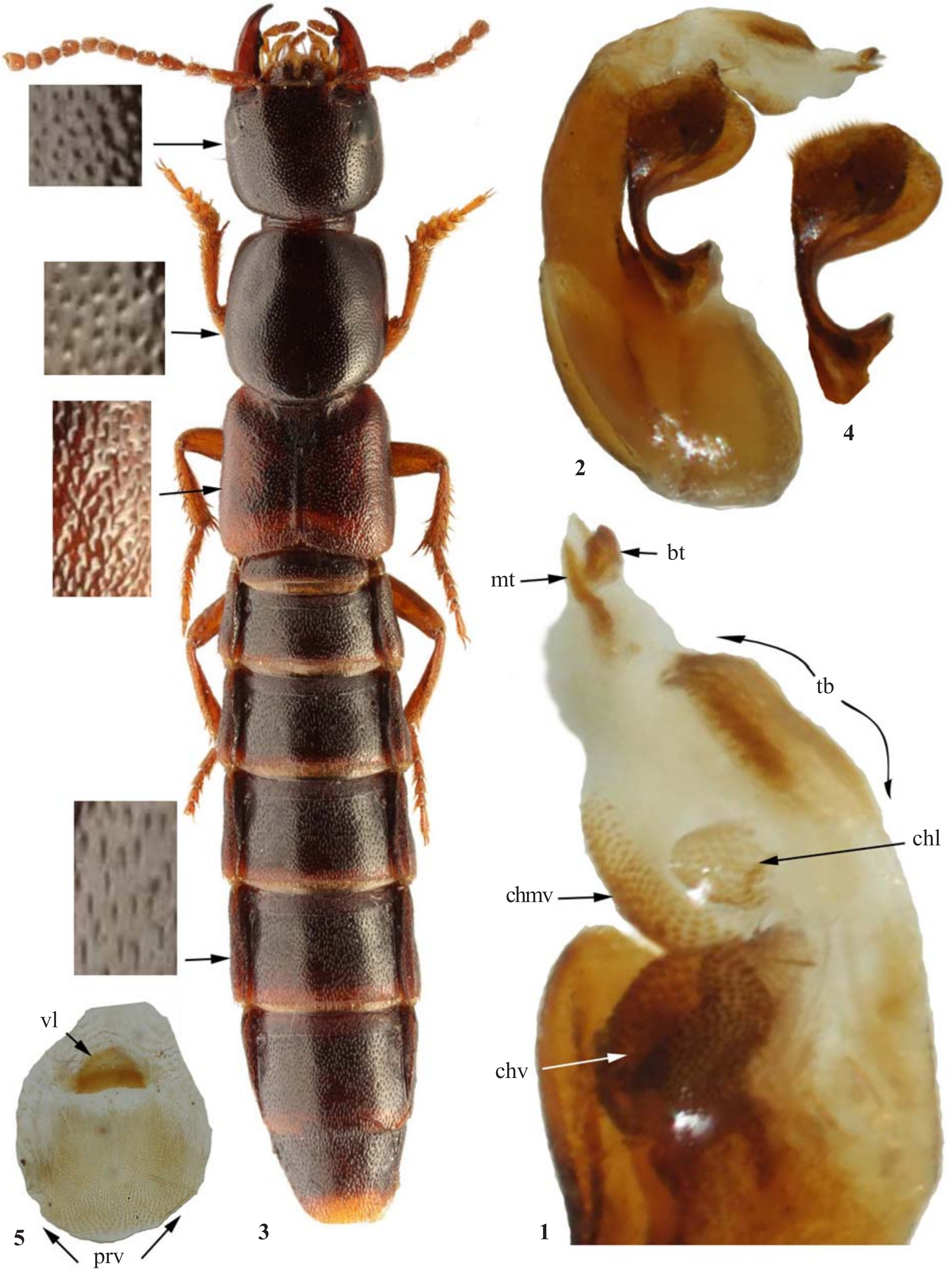
DESCRIPTION. Body 14.1 mm in length. Body dark, almost black, shiny. Elytra brown, their apex lighter. Mandibles and labrum dark brown, the rest of mouthparts and antennae yellowish brown. Head weakly transverse and slightly narrowed basally, its hind angles rounded. Temples up to 1.5 times as long as maximum diameter of eyes. Eyes of medium size. Punctures of head moderately dense, with interspaces ranging from 1 to 1.5 times of diameter of a puncture. Impunctate middle line of pronotum weakly pronounced. Distinct microsculpture and pubescence absent. Antennomeres: basal elongated; the rest, except the four preapical ones, almost quadratic, the tenth transverse. Antennomeres 7–11 of the right antenna and the last segment of the right hind tarsus of the holotype are broken off (absent).

Pronotum distinctly longer than wide, its front angles distinct, but hind angles widely rounded. Punctation of pronotum similar to that of head. Elytra on their external length longer than wide, at suture shorter than wide. Surface of elytra slightly wavy longitudinally, with irregular punctures confluent into longitudinal grooves apically. Microsculpture absent. Scutellum large, in dense punctures. Wings present, but rudimentary.

Abdomen dark brown, with lighter apex, almost parallel-sided, narrowed posteriad. Punctation moderately dense, arranged in transverse rows, interspaces equal 2 to 4 puncture diameters.

Legs yellowish brown, anterior tarsi widened.

Genitalia. Paramere forms widened lobe apically. Median lobe dorsal-ventrally bended. Endophallus divided into



Figs 1–5. *Ocypus ponomarevorum* **sp.n.**: 1 — habitus; 2 — male genitals; 3 — endophallus; 4 — paramera; 5 — structure of genitals of females; 1–4 — holotype, male; 5 — paratype, female.

Рис. 1–5. *Ocypus ponomarevorum* **sp.n.**: 1 — габитус; 2 — гениталии самца; 3 — эндофаллус; 4 — парамера; 5 — структуры гениталий самки; 1–4 — голотип, самец; 5 — паратип, самка.

three phallomers: proximal (php), medial (phm) and distal. Basal phallomer ventrally has two large asymmetric ventral chambers covered with spines; laterally — two medium-sized lateral chambers. Medial phallomer includes dorsally titillator-brush; ventrally one large medio-ventral chamber covered with flat spines. Distal phallomer apically includes agonoporial triad. Monotitillator transverse, with apical projection. Sclerites of bititillator parallel but not fused, widely divergent in the proximal direction and curved in the medial part.

Female genitalia. Vaginolamina semi-oval. Proktovaginus weakly sclerotized, transverse, distally rounded, proximally covered with microtrichia, apically with flat spines. Spermatheca membranous, long. Gland of spermatheca of medium size.

DIAGNOSIS. The new species is the most similar to *Ocypus hochhuthi* Eppelsheim, 1878 and *O. nabozhenkoi* Khachikov, 2005. It can be distinguished from both these species by the more slender body especially head and punctuation that is uniform and denser on the head and pronotum, but sparser on the abdomen and elytra.

Also, contrary to the above mentioned species, *O. ponomarevorum* **sp.n.** has almost not expressed median line on pronotum. In addition, the new species differs from similar species in structure of genitalia, specifically in the form of parameres [Coiffait, 1974; Solodovnikov, 2000; Khachikov, 2005]. The new species and *O. nabozhenkoi* have similar morphology and very similar endophallus and its individual structures [Khachikov, 2005]. Both species have triangular monotitillator and close topology and form of the chambers.. In addition, the new species seems close to *O. syriacus* Baudi, 1848. Both these species share parameres widened distally and moderately dense punctation of head and pronotum [Coiffait, 1974]. Furthermore, *O. ponomarevorum* **sp.n.** is probably closely related to *O. bernhaueri* (J.Müller, 1925).However, since the male of *O. bernhaueri* is not known, it is difficult to assess that at the moment. Despite the fact that all of these mentioned species (except *O. nabozhenkoi*) were placed in the *O. similis* species group by Coiffait [1974], the new species is definitely not close to *O. nitens* (Schrank, 1781) (= *O. similis*) because the latter differsvery significantly in the morphology of endophallus.

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